

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
MEDICAL DEVICES AND OTHER MATERIALS

Clark, et al.

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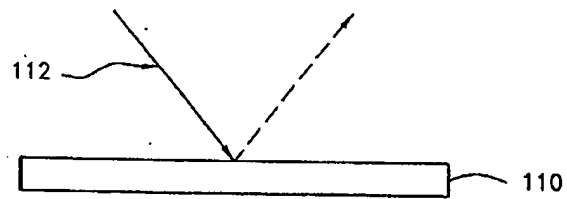


FIG. 1A

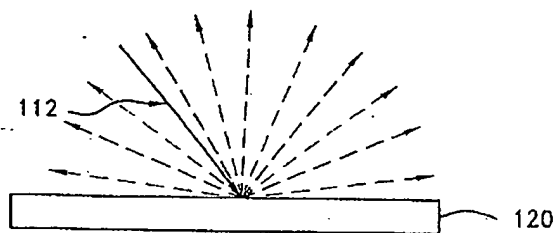


FIG. 1B

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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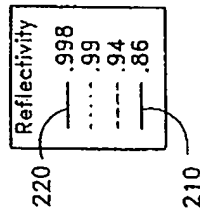
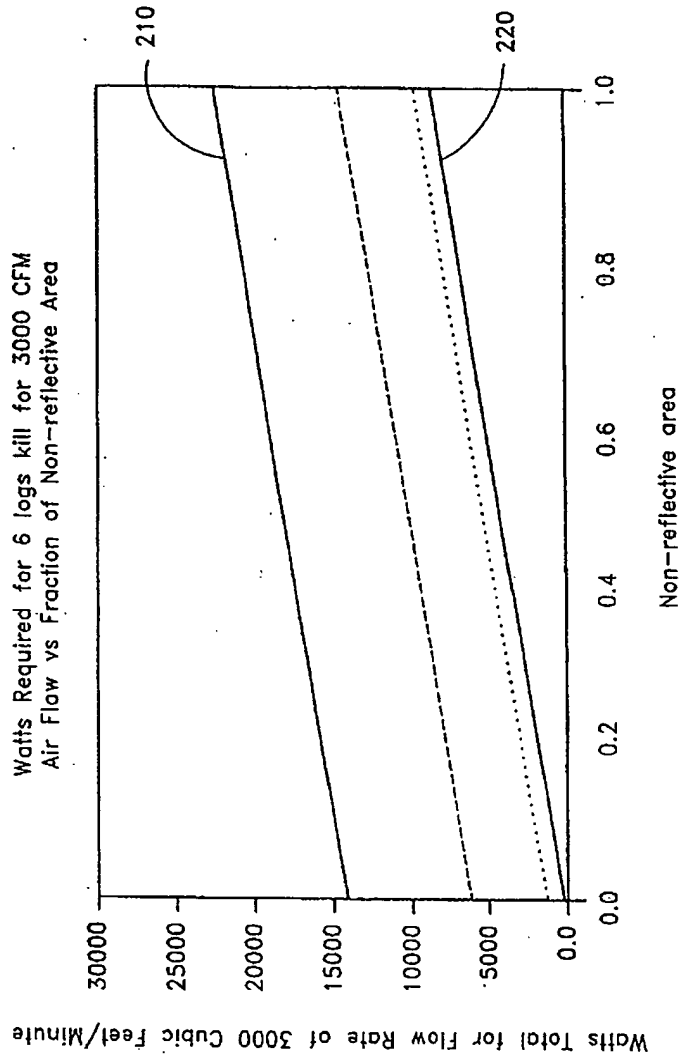
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FIG. 2



UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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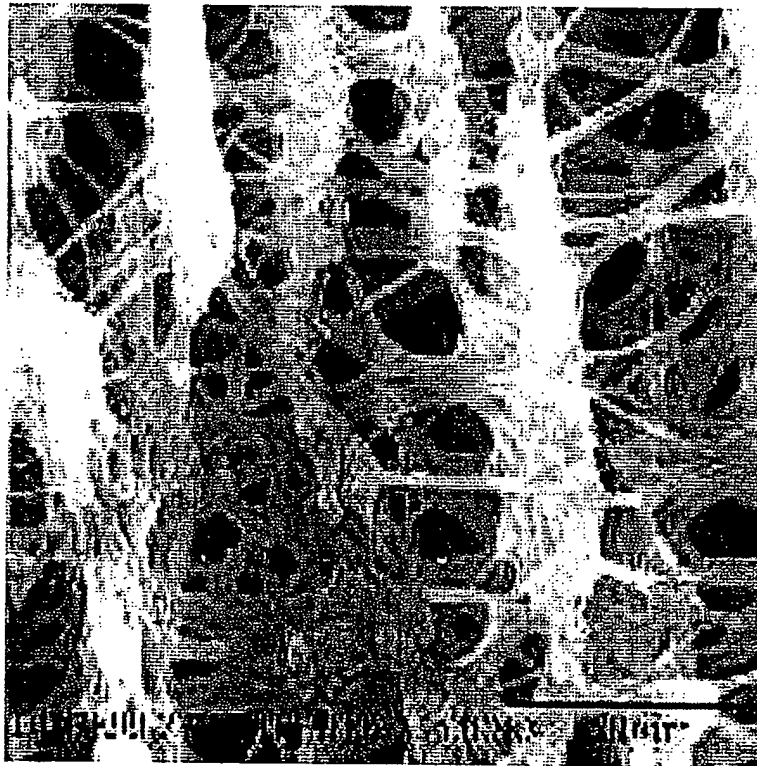


FIGURE 3A

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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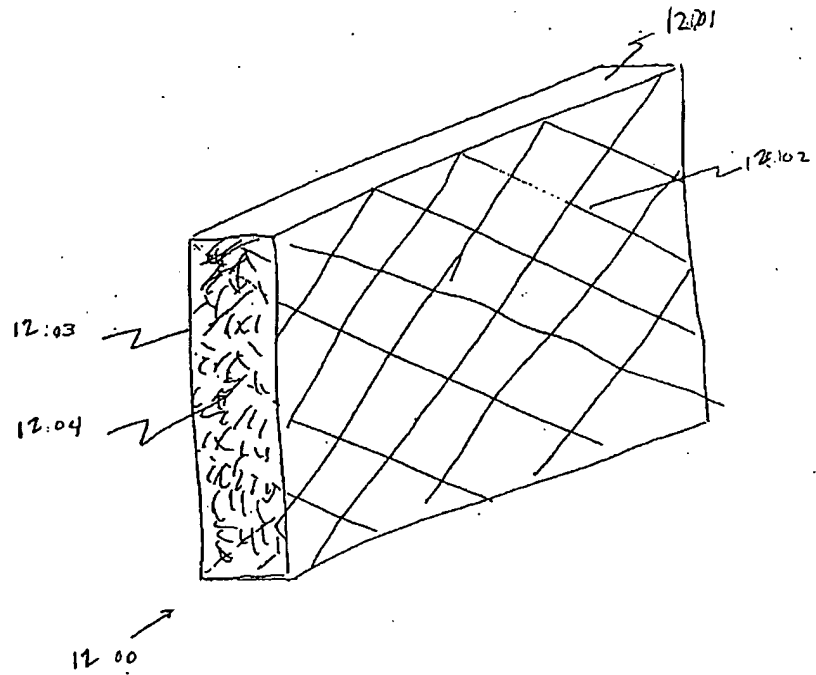
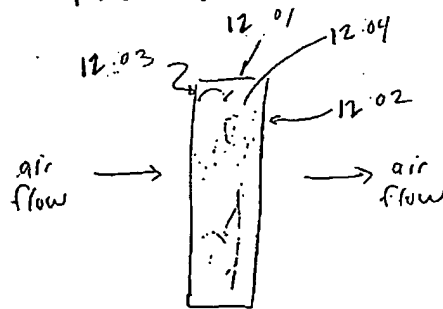


FIGURE 3B



Cross sectional view

FIGURE 3C

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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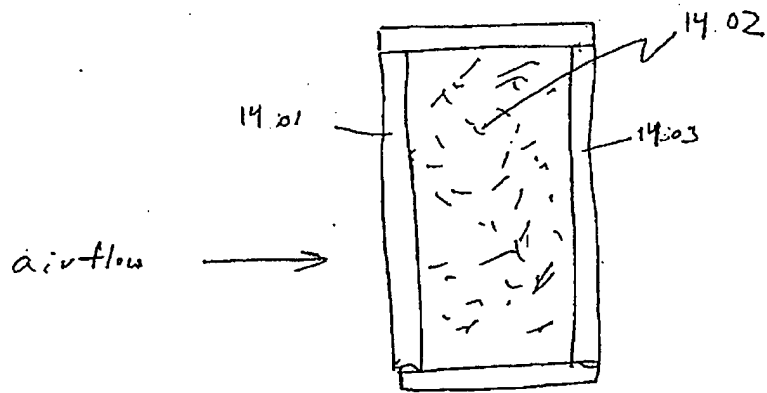


FIG 4

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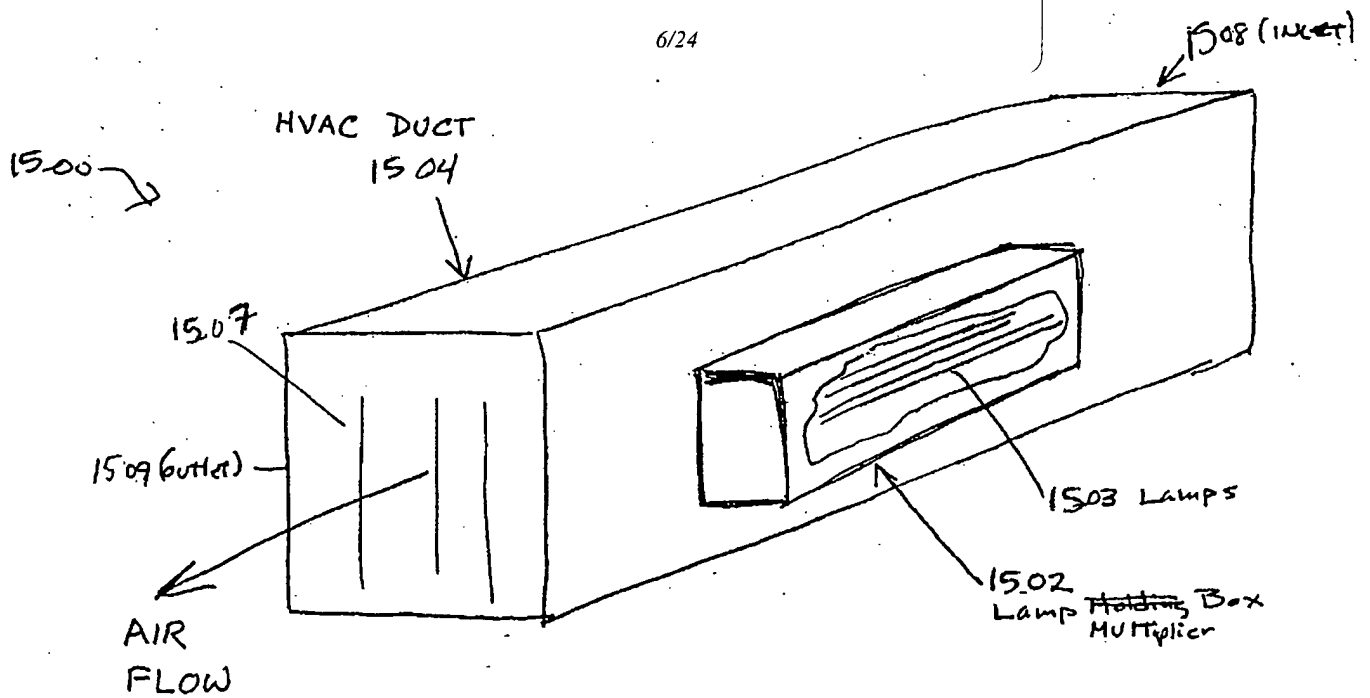


FIGURE 5A

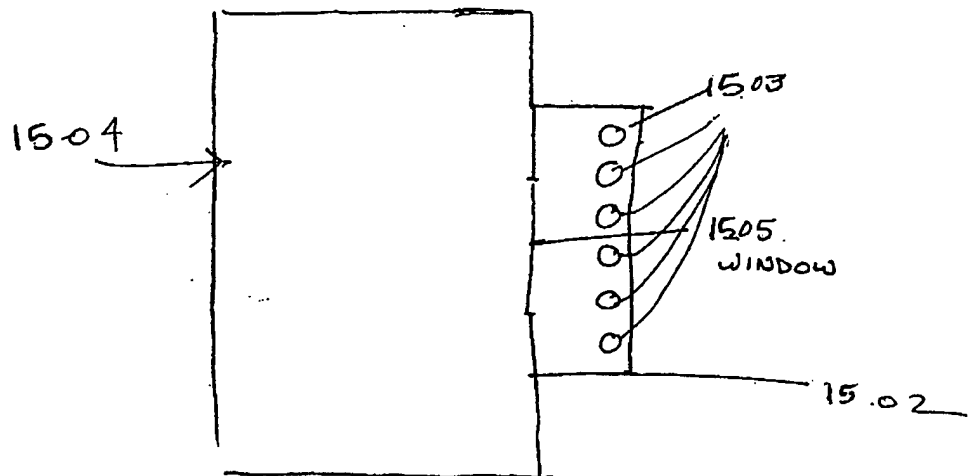


FIGURE 5B

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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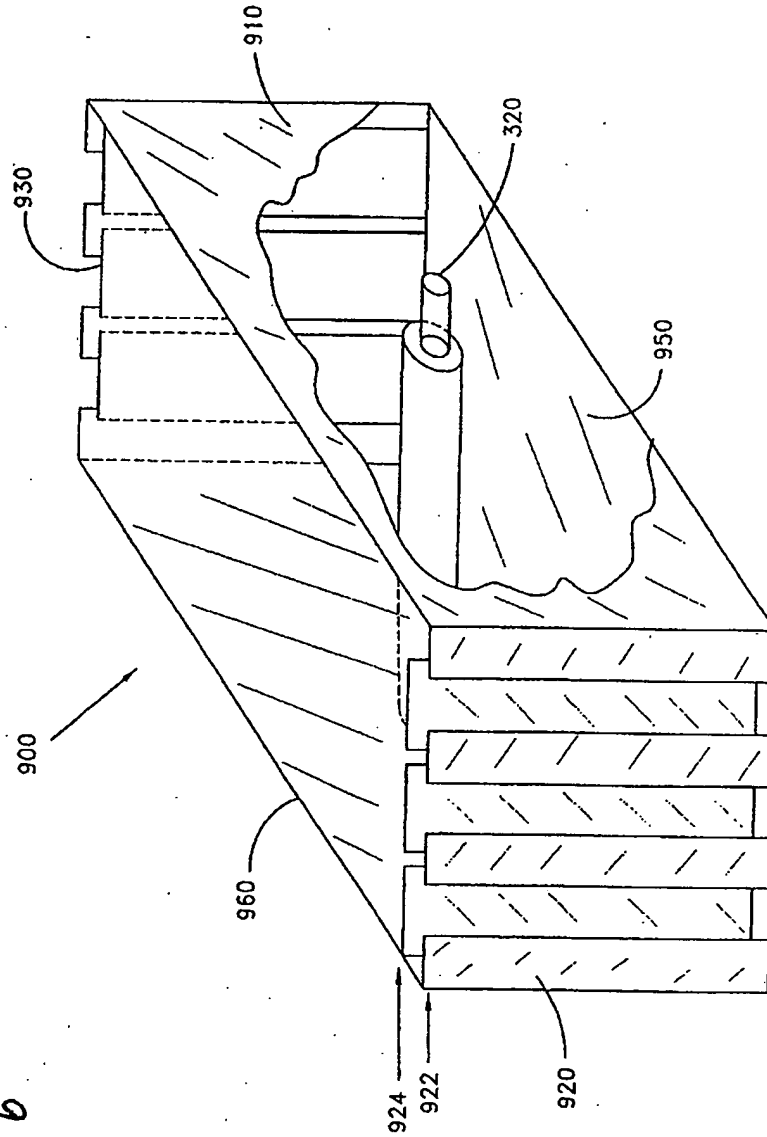
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FIG. 6



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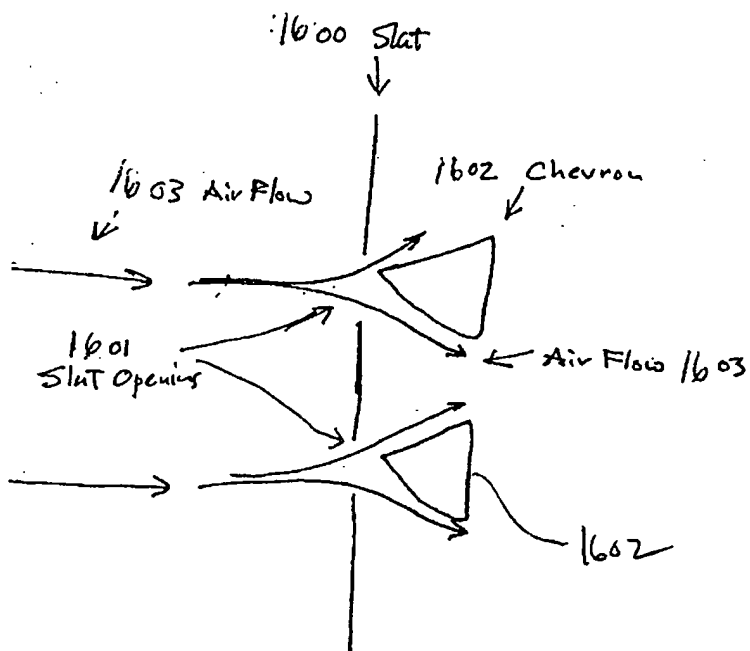


FIG. 7

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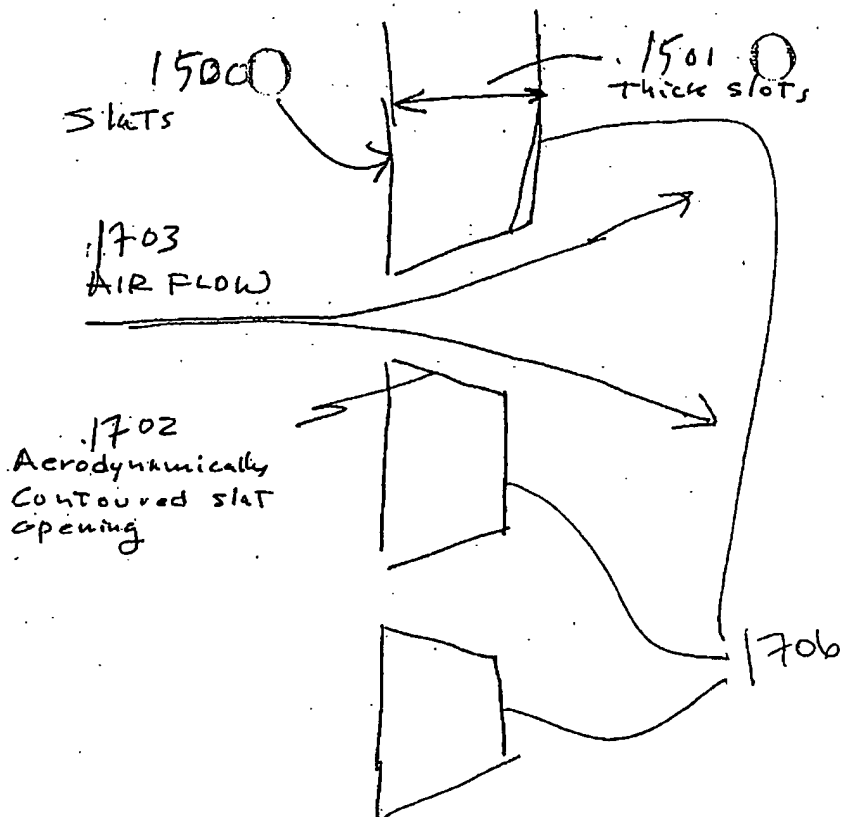


Fig 8

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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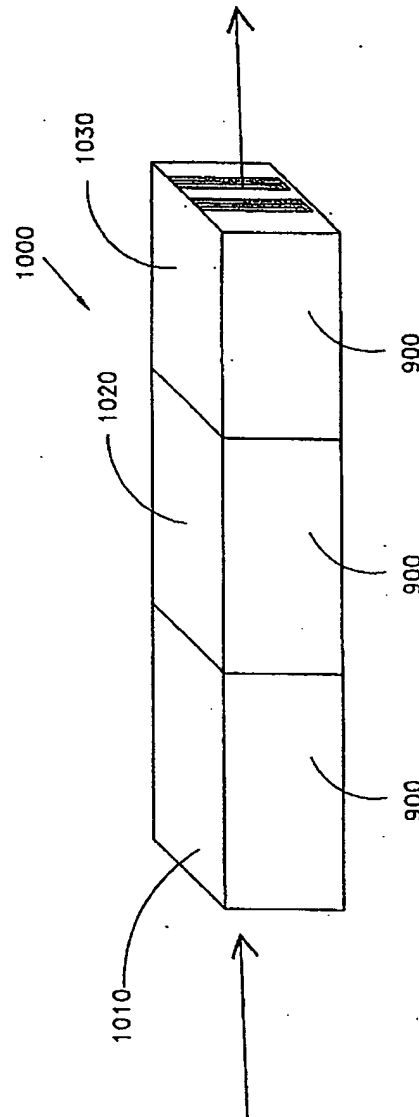


FIG. 9

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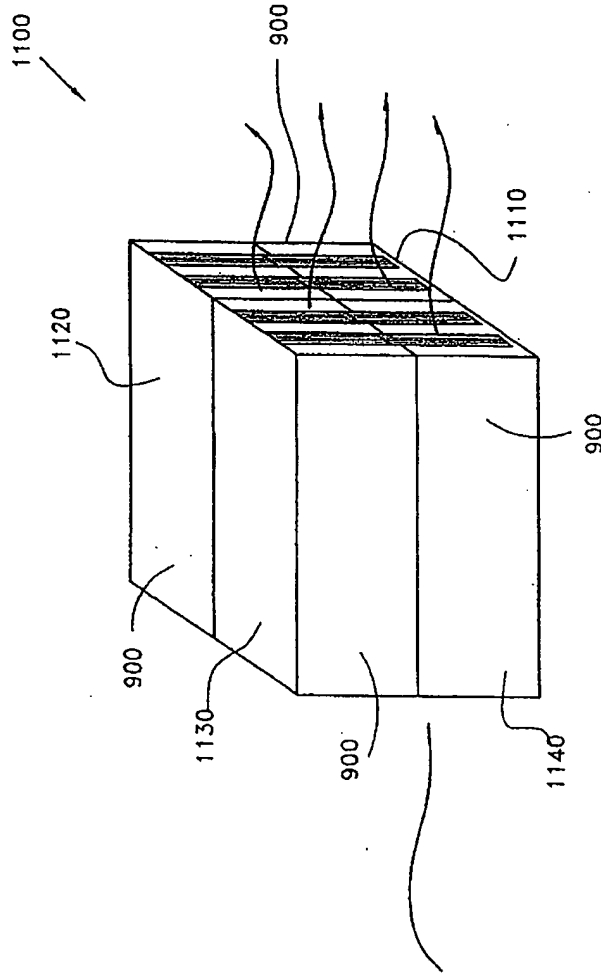


FIG. 10

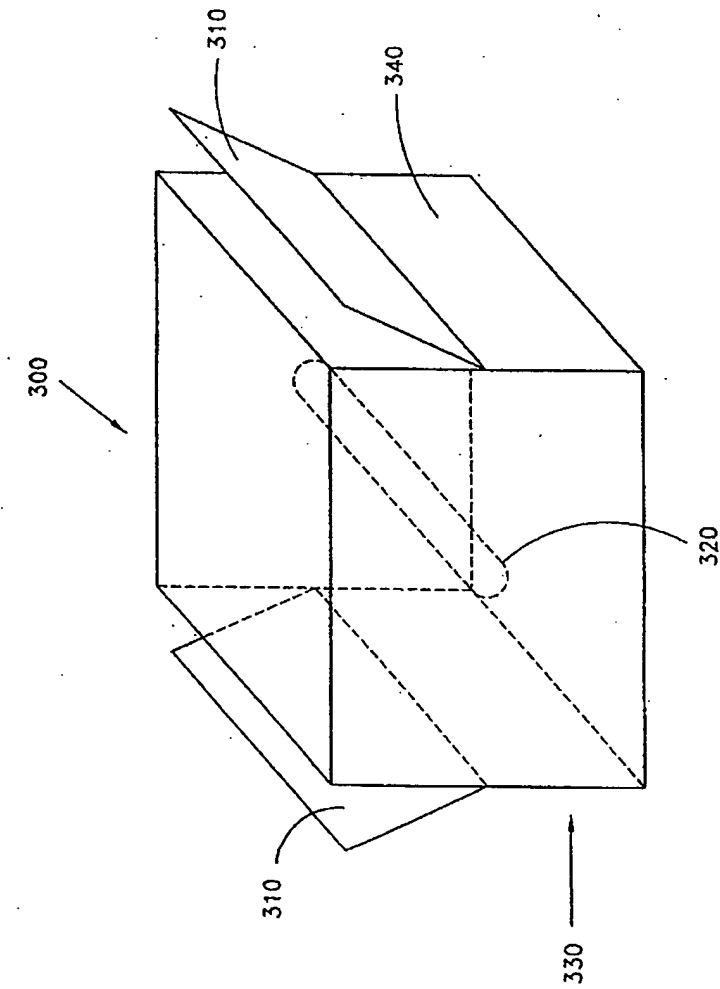


FIG. 11

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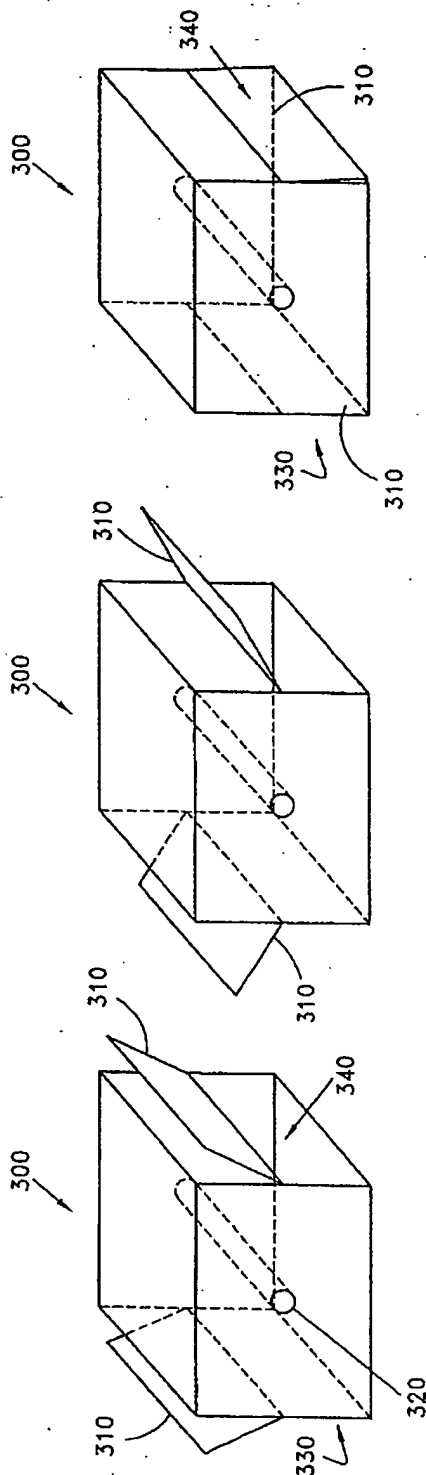


FIG. 12C

FIG. 12B

FIG. 12A

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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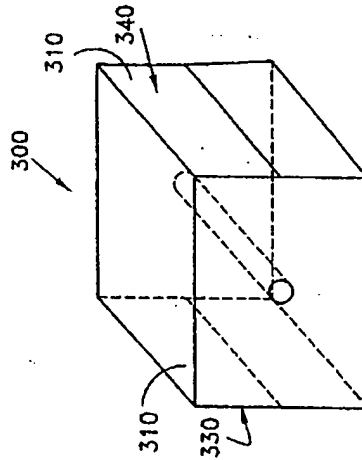


FIG. 13A

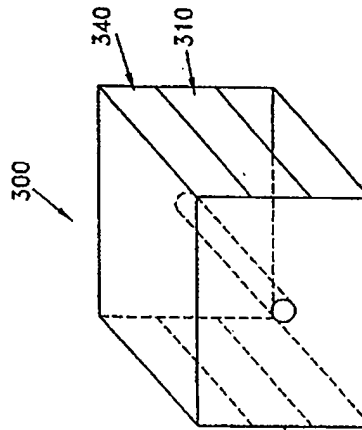


FIG. 13B

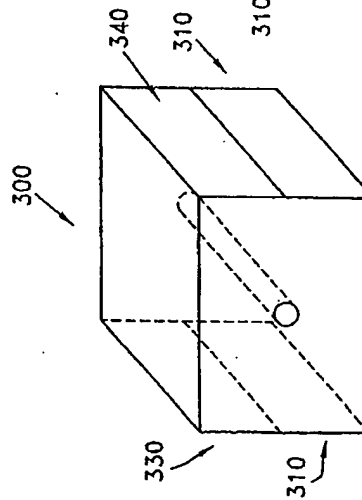


FIG. 13C

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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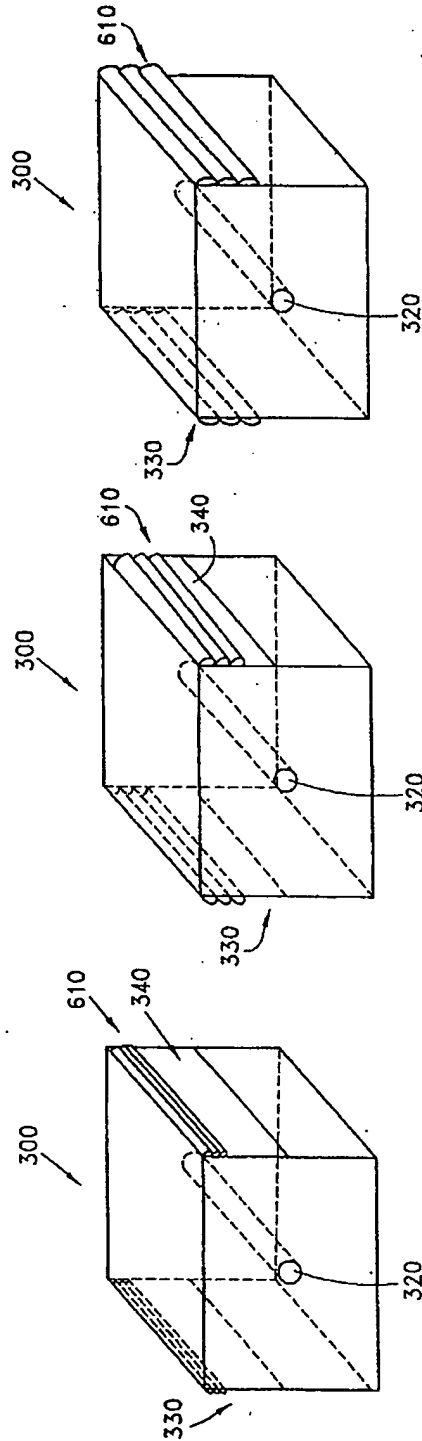


FIG. 14C

FIG. 14B

FIG. 14A

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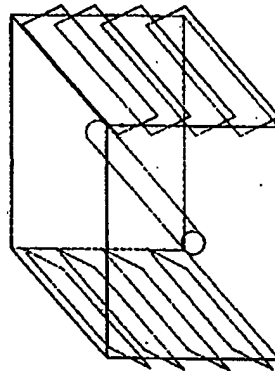


FIG. 14F

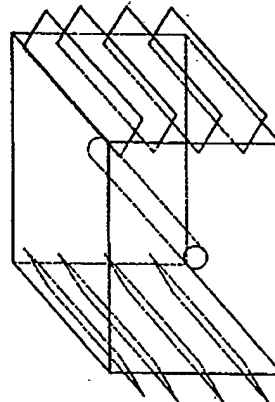


FIG. 14E

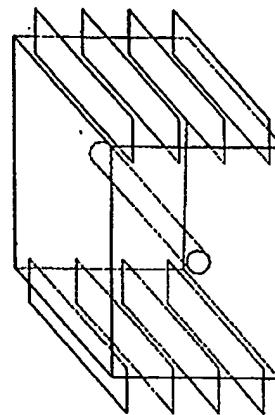


FIG. 14D

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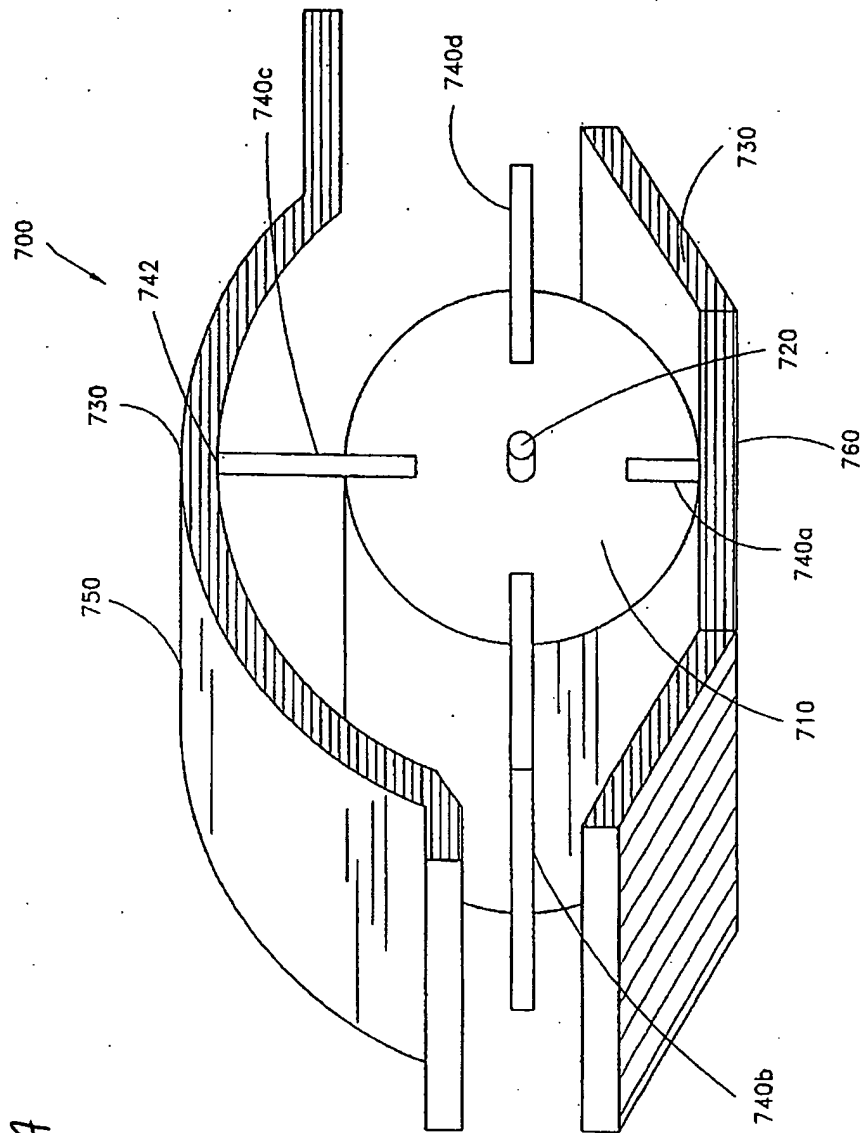


FIG. 15A

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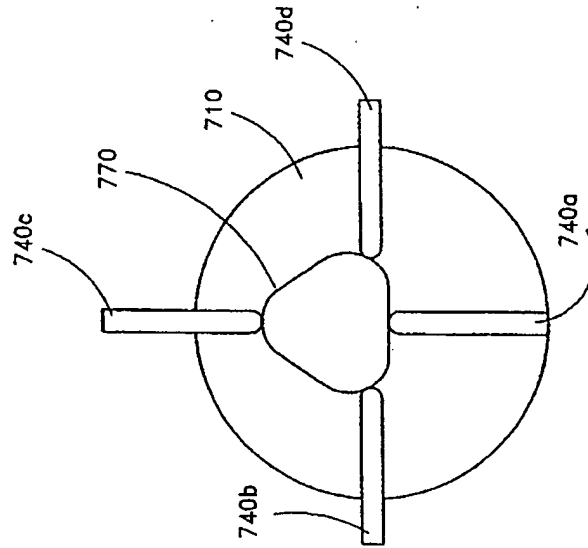


FIG. 15C

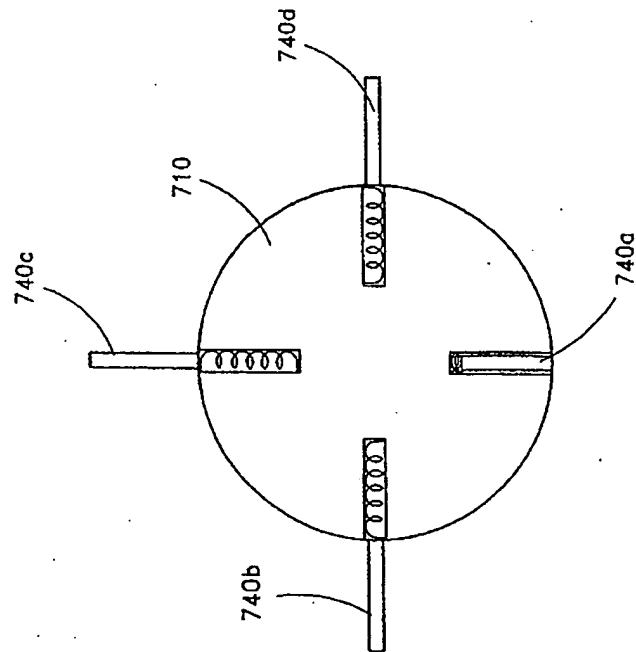


FIG. 15B

UV FLUX MULTIPLICATION SYSTEM FOR STERILIZING AIR,  
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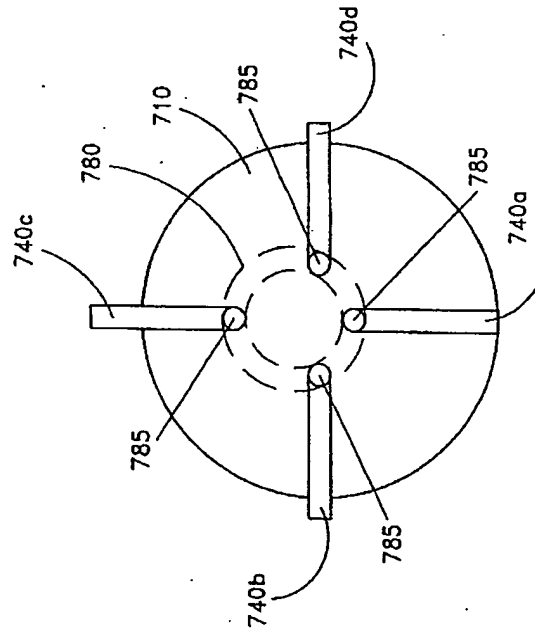
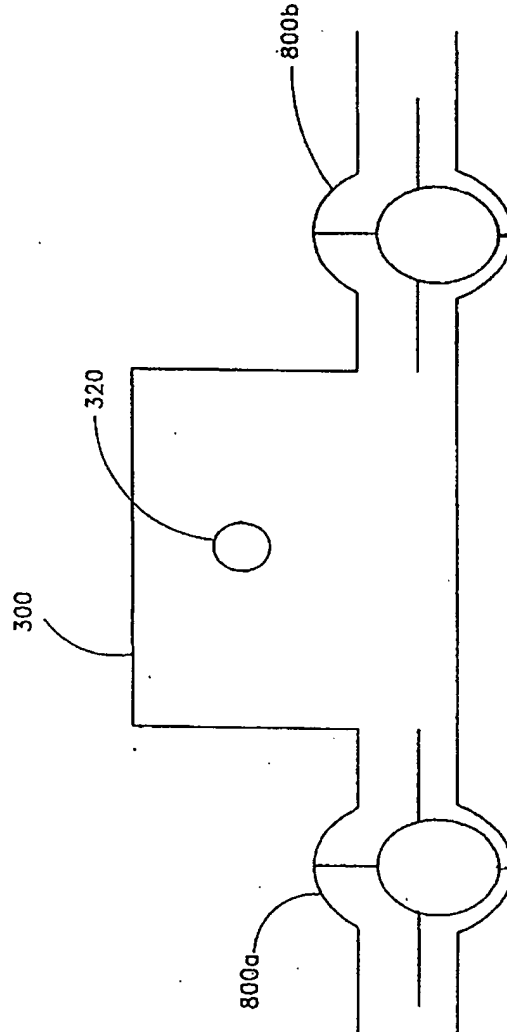


FIG. 15D

FIG. 16



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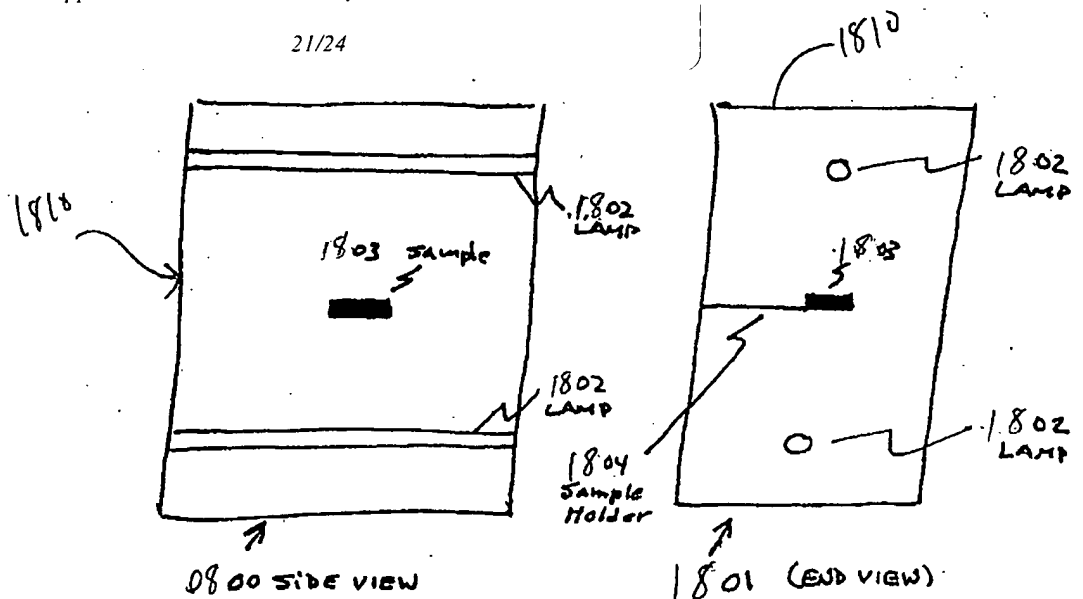


FIG 17A

FIG 17B

INTERNAL SAMPLE EXPOSURE SYSTEM

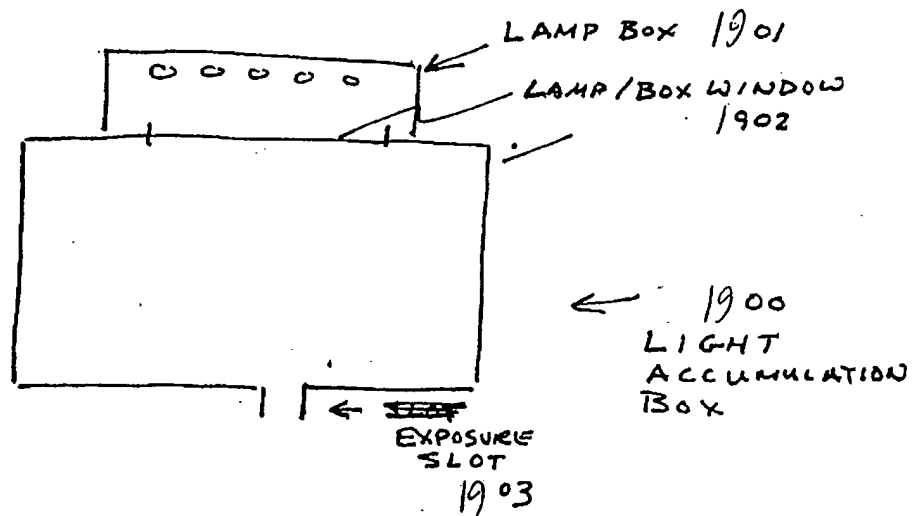


FIG. 18

UV Curing Model

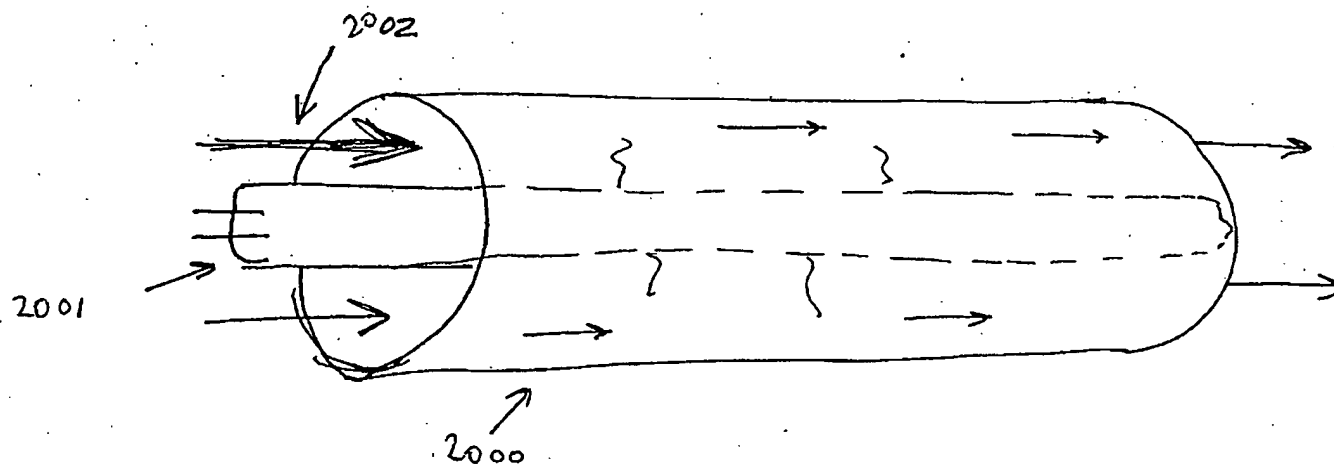


FIG. 19

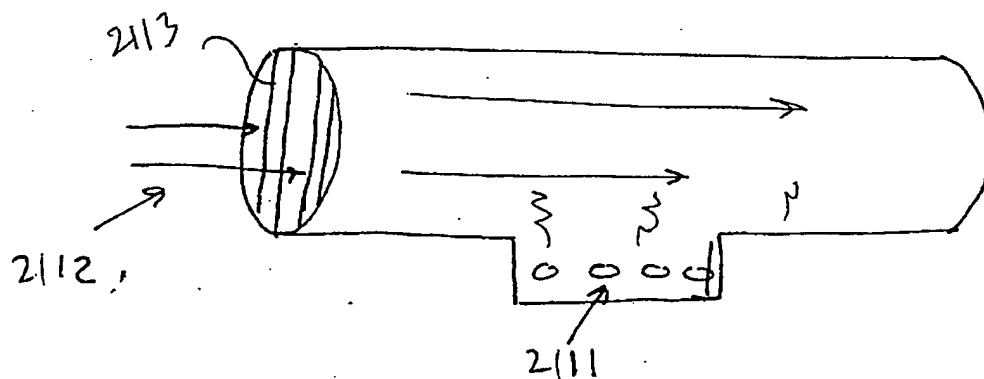


FIG. 20

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Total UV Absorption Cross Sections  
for Selected Chemical Agents

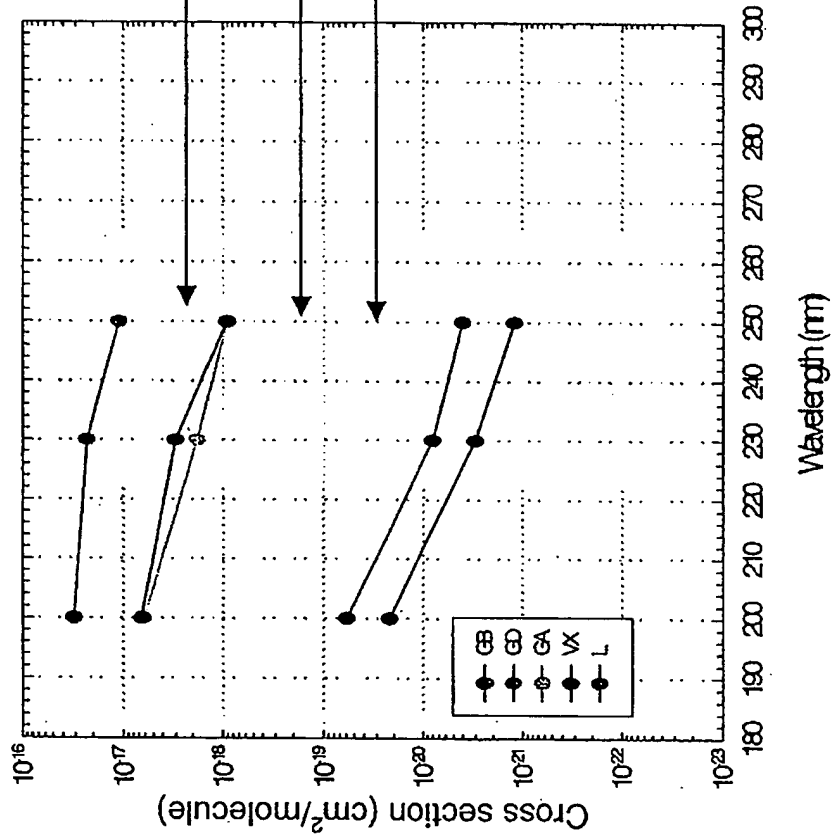


Fig. 21

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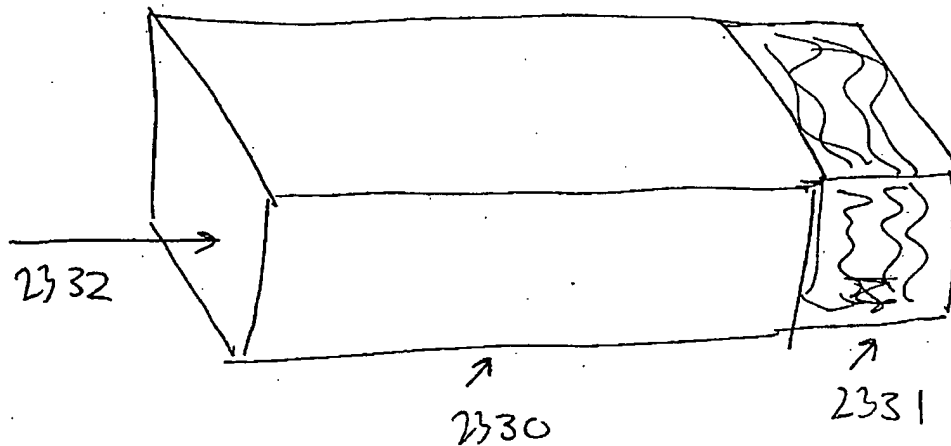


FIG. 22